

Amendments to the Claims:

1. (Original) A fluid flow sensing apparatus, comprising:
a flow-responsive element projecting into a fluid flow path; and
a position sensor in communication with the element to detect a change in position of the element in response to a fluid flow.
2. (Original) The fluid flow sensing apparatus of claim 1, wherein the apparatus has a sensitivity that is generally inversely related to a pressure generated by the fluid flow.
3. (Original) The apparatus of claim 1 wherein:
the flow-responsive element can change position in more than one direction.
4. (Original) The apparatus of claim 1 wherein:
the deformable element deforms when the fluid flow is at a rate of between about -10 l/min.
5. (Original) The apparatus of claim 1 wherein:
the sensor is in communication with a fluid flow controller.

Please delete claims 6-18 without prejudice.

19. (Original) A fluid flow sensing apparatus comprising:
a flow-responsive element projecting into a fluid flow path; said element being supported at a zero-flow position in response to a fluid flow;
said element further being biased into the zero-flow position in the absence of a fluid flow; and
a position sensor for detecting a change in position of the flow-responsive element relative to the zero-flow position.
20. (Original) The flow sensing apparatus of claim 19, wherein the apparatus has a sensitivity that is generally inversely related to a pressure generated by the fluid flow.
21. (New) A flow sensing apparatus comprising:
a mask portion;
a hose, the hose cooperating with the mask portion to define an air pathway;
a deformable element projecting into the air pathway; and
a position sensor adapted to detect deformation in the deformable element.

22. (New) The apparatus of claim 21, wherein the position sensor includes a Hall effect sensor.

23. (New) The apparatus of claim 21, wherein the deformable element includes a paddle section and a torsion strip.

24. (New) A flow sensing apparatus comprising:

a fluid pathway;

a deformable element projecting into the fluid pathway; and

a position sensor adapted to detect deformation in the deformable element.

25. (New) The apparatus of claim 24, wherein the position sensor includes a Hall effect sensor.

26. (New) The apparatus of claim 24 wherein the position sensor is adapted to communicate with a gas delivery device.